

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

05/24/12

Stephen Nadeau Assistant District Attorney, Bristol County

Mr. Nadeau,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

1/14-1

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

8:00 - 11:00

2:00-4:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:001:00 - 3:00

City or Department: New Bedford	Police Reference No.:
Name and Rank of Submitting Officer: Det Kelly A Alm	metida
Defendant(s) Name (last, first, initial):	
To be completed by Submitter Description of Items Submitted	To be completed by Lab Personnel Gross Weight Lab Number
A) 76-Tabs (10-3060-PR)	9.27 om
	9.27 gm
B) 445-Tabs (10-3060-FR)	38.33 Q
•	
\mathcal{A}_{A}	
eceived by:	Date: 10.410

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours 8:00 - 11:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

2:00 - 4:00	1:00	- 3:00
City or Department: New Bedford	Police Reference No.:	
Name and Rank of Submitting Officer: Det Kelly A Almeid	ì .	
Defendant(s) Name (last, first, initial):		noo yoo ka waxa
To be completed by Submitter Description of Items Submitted	To be completed by Lab Per Gross Weight Lab N	
A) 43-Tabs (10-3059-PR)	5.95 gm	
B) 257-Tabs (10-3059-PR)	5.95 gm	
·		
		Q. White
eccived by:	Date:	

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

8:00 - 11:00

2:00 - 4:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

1:00 - 3:00

ame and Rank of Submitting Officer:	Det Kelly A Almeida		
efendant(s) Name (last, first, initial):			
be completed by Submitter			-
escription of Items Submitted		To be completed a Gross Weight	by Lab Personnel Lab Number
			1
2-Tabs (10-3058-PR)	244		
	2.44 gm 165,68 pm		
337-Tabs (10-3061-PR)	165, 68 m		
	7,0,0,7		
•			
		; 	
		<u> </u>	<u> </u>
	,		

Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 76.0 Subst: TAB Amount: 1 Cont: pb No. Cont: No. Analyzed: Date Rec'd: 10/04/2010 Net Weight: 7.62 Gross Wt.: 9.27 # Tests: Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 445.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 55.86 Gross Wt.: 58.35 # Tests: 3 950 Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 43.0 Amount: Subst: TAB No. Cont: Cont: pb 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 4-32 5.95 Gross Wt.:

4

Findings:

	New Bedford Poli		
Def:			
Amount:	257.0	Subst: TAB	
No. Cont:	1 Cont. pb		
Date Rec'd:	10/04/2010	No. Analyzed:	
Gross Wt.:	34.03	Net Weight: 3 2-1	7
Prelim:	Oxyrodore	# Tests: 3 = 3 • (PCH) Findings: () ((((((((((((((((((アンノ
-	New Bedford Police Detective KELLY ALM		- Charles and
Amount:	2.0	Subst: TAB	
No. Cont:	1 Cont. pb	3433.1712	
Date Rec'd:	•	No. Analyzed:	
Gross Wt.:		Net Weight: 0・92	
	oxicatore	#Tests: 1 45 2 CM Findings: 6 X Y (6 CM)	>
No. City:	New Bedford Polic	Date Analyzed:	
_	Detective KELLY ALM	IEIDA (
Def:	007 A		
Amount:	337.0 1/4 Cont: pb	Subst: TAB	
No. Cont:	•		
Date Rec'd:		No. Analyzed:	١
Gross Wt.:	165.68	Net Weight: 133- # Tests: ≤ ⊖SE	
Prelim: C)Acoclose	Findings: OXY (od 0 W	,

DRUG POWDER ANALYSIS FORM

SAMPLE # A	GENCY New Becking ANALYST	P73
No. of samples tested:	Evidence Wt.	
PHYSICAL DESCRIPTION:	Gross Wt ():	
76 bluer 1000.	S+032= Gross Wt ():	
17 1 67		
	Net Wt:	7.6239
P 215		
PRELIMINARY TESTS		
Spot Tests	Microcrystalline Tests	
Cobalt Thiocyanate ()	Gold Chloride	NON-MERCURAL Accordance de Visido
Marquis	TLTA ()	
Froehde's	OTHER TESTS	
Mecke's	Musmcha AlB	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TI	<u>EST</u>
RESULTS Occore	RESULTS	20000000 H0000H000446
DATE 1-11-11	MS OPERATOR	***************************************
	DATE	

Revised 7/2005

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Irinted 5/23/12 CBS

Color: Blue

Shape: Circle

Imprint: A; 215

Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Exciplents: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake: Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY_	Dew Bedfel. ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ():
443 blue nend tasi	Gross Wt ():
10-60	Pkg. Wt:
(m) (30)	Net Wt: 53-8695
	3 anougeel
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	Muomola AIB
	, manufacture
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ocycoclone	RESULTS
DATE	MS OPERATOR
	DATE

Revised 7/2005

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue

Shape: Circle

Imprint: $\,_{\rm M}$ The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. , $_{\rm M30}$ The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. , $_{\rm 30}$, $_{\rm M}$

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

Product ID 6594281

Contact: Mallinckrodt

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DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY Dew Beclfnel. ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
13 blue non	& table T Gross Wt ():
14.	Pkg. Wt:
•	Net Wt: 4.3210
215	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	muonalse 9+00
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ox Coclose	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Revised 7/2005

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG $\,$

Printed 5/23/12 CBS

Color: Blue Shape: Circle

Imprint: A; 215
Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Excipients: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake : Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide

Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY(C	Dew Bearford, ANALYST 659
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
257 blue sonce tesse	Gross Wt ():
√ - 62	Pkg. Wt:
	Net Wt: 32.1つ5以
$\overline{\mathbb{G}}$	
	3 crayed
• •	
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	Muomeda A+K9
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclose	RESULTS
DATE 1-11	MS OPERATOR
	DATE

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue Shape: Circle

Imprint: $\,_{M}$ The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. $_{M30}$ The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. $_{M30}$ $_{M}$

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid) NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline ; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

Product ID 6594281

Contact: Mallinckrodt

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DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY New Real Fred. ANALYST AS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
2 yellow a	en a table Gross Wt ():
2 yerron a	Pkg. Wt:
	Net Wt: 0-9214
10/325	(E712)
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	Masmobe AVB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclore	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Drug Information

DRUG NAME: ENDOCET

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Printed 5/23/12 CBS

Color: yellow

Shape: Oval

Imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 - .

Acetaminophen with Oxycodone

NDC: 60951-0712-85 60951-0712-70

Excipients: Povidone; pregelatinized starch; Stearic Acid; colloidal silicon

dioxide; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY No. of samples tested:	Deus Beckfact. ANALYST 759 Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
337 nellows over	
337 yellow oval	Pkg. Wt:
	Net Wt: 155.1
(E)12) (10/325)	
	5 grayes.
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ()	Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	
	MUONOSCAID
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclose	RESULTS
DATE	
<u> </u>	OPERATOR
•	DATE

Revised 7/2005

Printed 5/23/12 CBS

Drug Information

DRUG NAME: ENDOCET

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Color: yellow Shape: Oval

imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 -

Acetaminophen with Oxycodone

NDC: 60951-0712-85 60951-0712-70

Excipients: Povidone ; pregelatinized starch ; Stearic Acid ; colloidal silicon

dioxide; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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Area Percent / Library Search Report

VKAC 5/24/12

Information from Data File:

File Name : F:\Q1-2011\System7\01_13_11\765544.D

Operator : KAC

Date Acquired : 13 Jan 2011 19:18

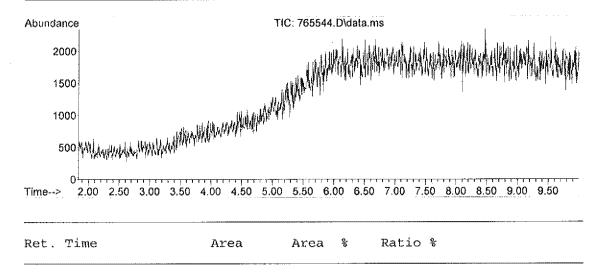
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : F:\Q1-2011\System7\01_13_11\765545.D

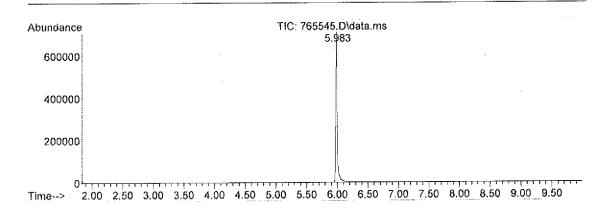
Operator : KAC

Date Acquired : 13 Jan 2011 19:30

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area		Ratio %	
5.983	1054593	100.00	100.00	

```
Information from Data File:
```

: F:\Q1-2011\System7\01 13 11\765545.D File Name

Operator : KAC

Date Acquired : 13 Jan 2011 19:30 OXYCODONE STD Sample Name

Submitted by

Vial Number 14 AcquisitionMeth: DRUGS.M : RTE Integrator

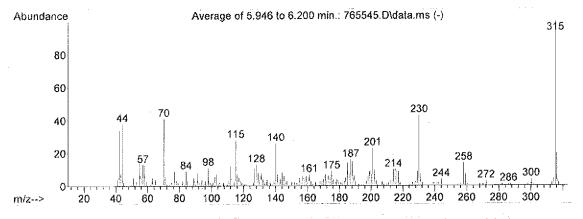
Search Libraries: C:\Database\SLI.L

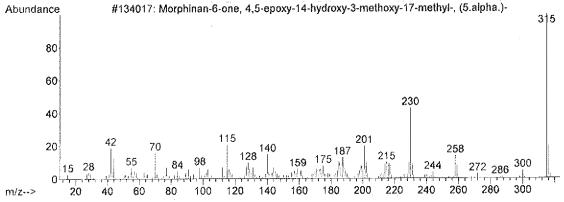
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.98	C:\Database\NIST05a.L		
_			oxy-14-hydro 000076-42-6 oxy-14-hydro 000076-42-6	
		Morphinan-6-one, 4,5-epo	oxy-14-hydro 000076-42-6	99



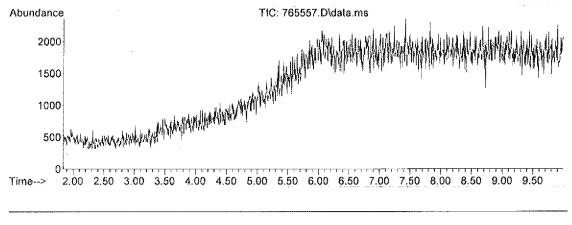


File Name : F:\Q1-2011\System7\01 13 11\765557.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:00

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

: F:\Q1-2011\System7\01_13_11\765558.D File Name

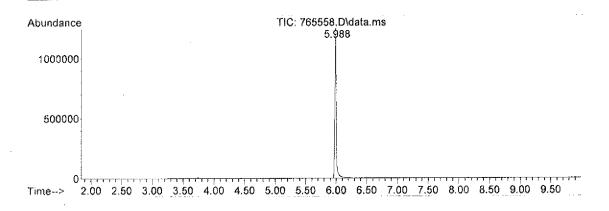
: KAC Operator

22:12 Date Acquired : 13 Jan 2011

Sample Name Submitted by Vial Number

: ASD : 58 AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area		Ratio %
5.988	1874664	100.00	

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01 13 11\765558.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:12

Sample Name :
Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

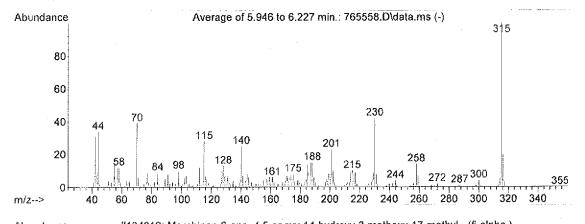
Minimum Quality: 80

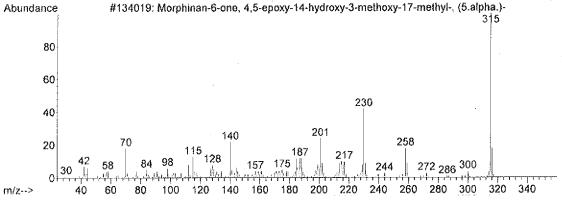
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5а. L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



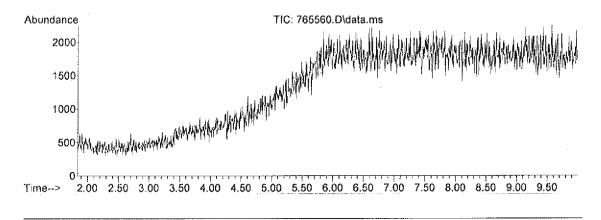


File Name : F:\Q1-2011\System7\01_13_11\765560.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:37

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

: F:\Q1-2011\System7\01_13_11\765561.D File Name

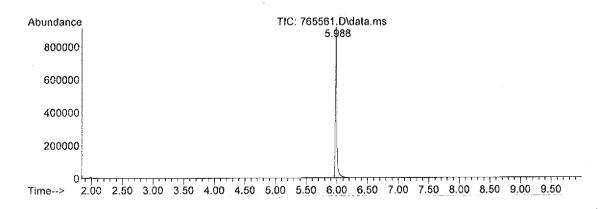
: KAC Operator

Date Acquired : 13 Jan 2011 22:50

Sample Name

: ASD : 61

Submitted by Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time		Area %	Ratio %
5.988	1380118		

```
Information from Data File:
File Name
                  : F:\Q1-2011\System7\01_13_11\765561.D
Operator
                  : KAC
                                   22:50
Date Acquired
                    13 Jan 2011
Sample Name
                    ASD
Submitted by
Vial Number
                     61
AcquisitionMeth: DRUGS.M
Integrator
                  : RTE
                                                           Minimum Quality: 80
Search Libraries:
                       C:\Database\SLI.L
                       C:\Database\NIST05a.L
                                                           Minimum Quality: 80
                       C:\Database\PMW TOX2.L
  PK#
                   Library/ID
                                                                CAS#
                                                                             Qual
         RT
                  C:\Database\NIST05a.L
   1
         5.99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                               99
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                          Average of 5.946 to 6.174 min.: 765561.D\data.ms (-)
Abundance
                                                                              315
     80
     60
                                                         230
                  70
      40
                             115
                                   140
     20
                                               187
                                                                258
               55
                                128
                                        159
                                                                   272 287 300
                                                 200
                                                       220
                                                           240
                                                                260
                                                                     280
m/z-->
           40
                60
                              120
                                        160
                                             180
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
Abundance
                                                                              315
     80
     60
                                                         230
     40
                                                  201
                                   140
                                                                258
     20
                                               187
                                                      217
                                           175
```

244

260

240

200

180

220

272 286 300

300

280

m/z-->

58

60

80

100

120

140

160

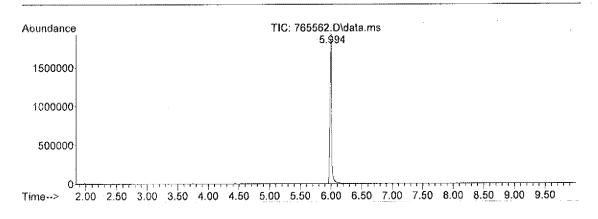
File Name : F:\Q1-2011\System7\01_13_11\765562.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:02

Sample Name : Submitted by : ASD Vial Number : 62

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.994	3445562	100.00	100.00

: F:\Q1-2011\System7\01_13_11\765562.D File Name

: KAC Operator

Date Acquired 13 Jan 2011 23:02

Sample Name Submitted by : ASD Vial Number 62

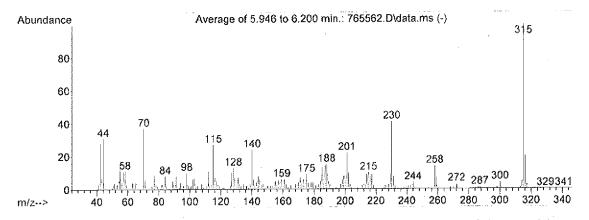
AcquisitionMeth: DRUGS.M : RTE Integrator

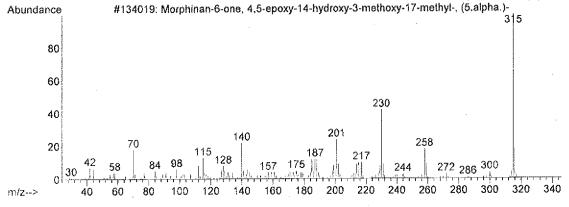
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	·	CAS#	Qual
1	5.99	C:\Database\NISTO			
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





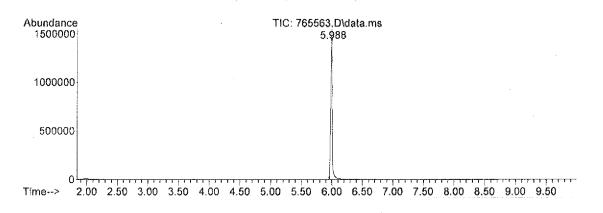
File Name : F:\Q1-2011\System7\01_13_11\765563.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:15

Sample Name : Submitted by : ASD

Vial Number : 63 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	2478261	100.00	100.00

File Name : F:\Q1-2011\System7\01_13_11\765563.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:15

Sample Name :
Submitted by : ASD
Vial Number : 63
AcquisitionMeth: DRUGS.M

Integrator : RTE

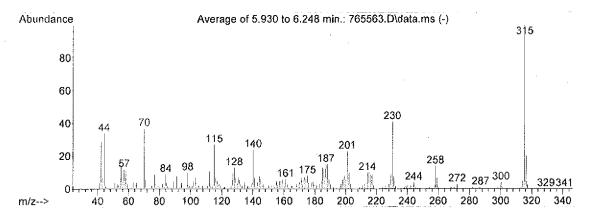
Search Libraries: C:\Database\SLI.L

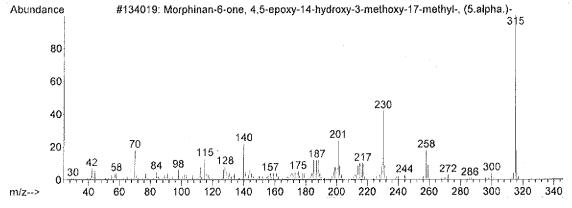
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 1	5.99	C:\Database\NIST0!	5a.L 4,5-epoxy-14-hydro	000076-42-6	99
			4,5-epoxy-14-hydro		99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





File Name : F:\Q1-2011\System7\01_13_11\765565.D

Operator : KAC

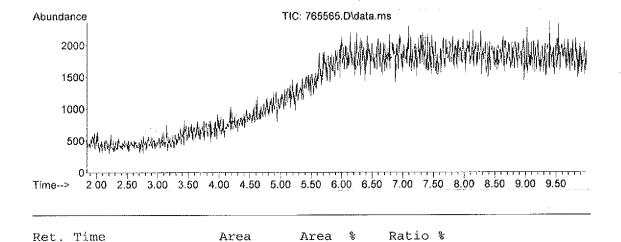
Date Acquired : 13 Jan 2011 23:40

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

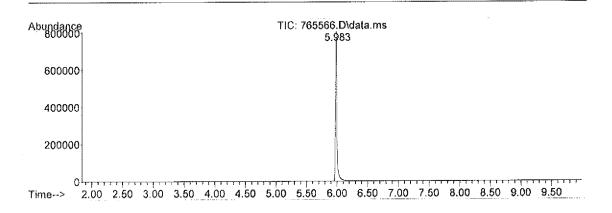
File Name : F:\Q1-2011\System7\01_13_11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52 Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area		Ratio %
5.983	1246284	100.00	

File Name : F:\Q1-2011\System7\01_13_11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

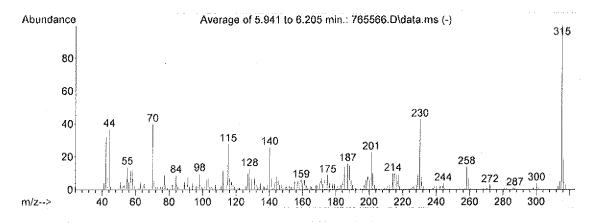
PK# RT Library/ID CAS# Qual

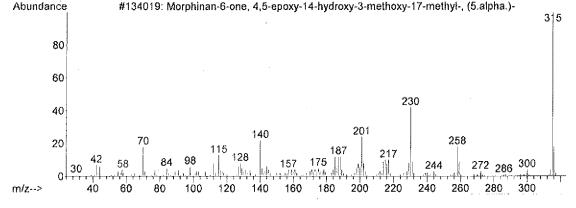
1 5.98 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6



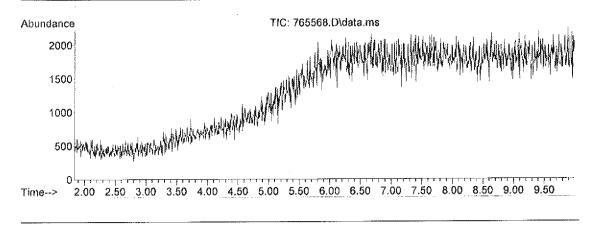


File Name : F:\Q1-2011\System7\01_13_11\765568.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:17

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

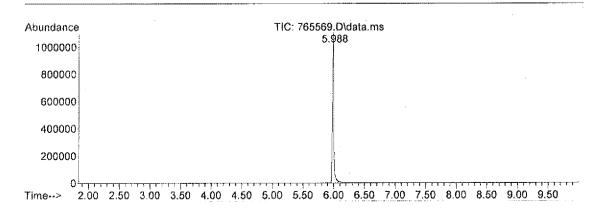
File Name : F:\Q1-2011\System7\01_13_11\765569.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:29

Sample Name :

Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1630092	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01 13 11\765569.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:29

Sample Name :
Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE

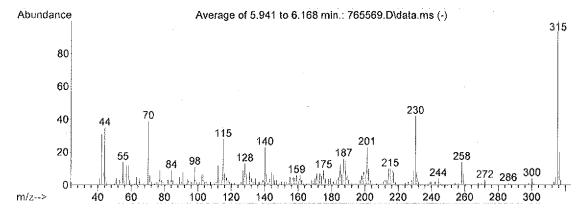
Search Libraries: C:\Database\SLI.L

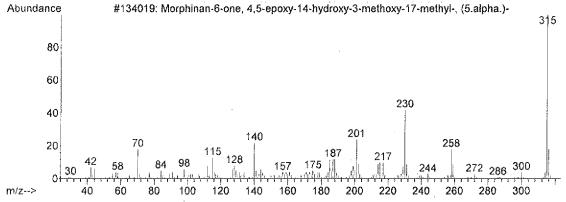
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

I	PK#	RT	Library/ID		CAS#	Qual
	1	5,99	C:\Database\NIST0	5a.L		
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



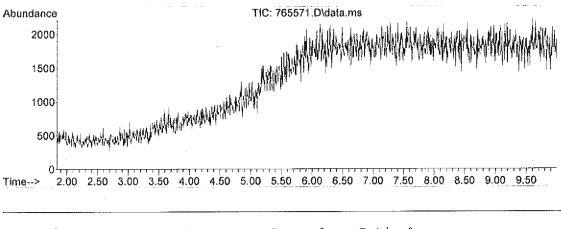


File Name : F:\Q1-2011\System7\01 13 11\765571.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:54

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area

Ratio %

NO INTEGRATED PEAKS

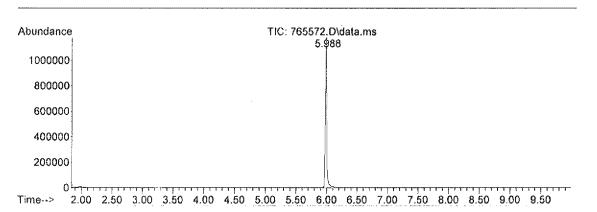
File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name :

Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1748467	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name :
Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : RTE

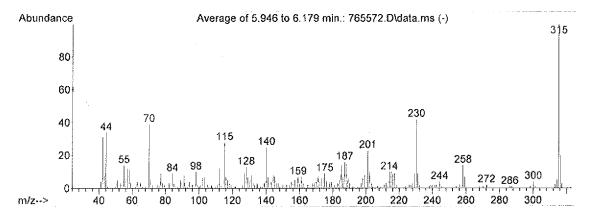
Search Libraries: C:\Database\SLI.L

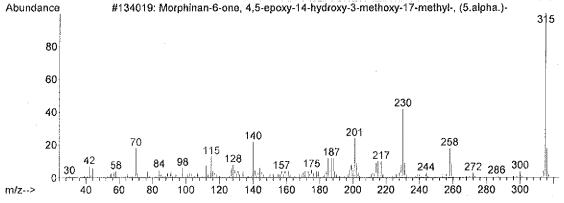
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
•		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





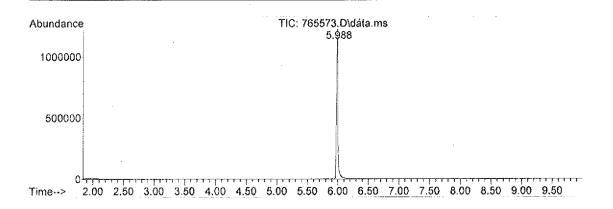
File Name : F:\Q1-2011\System7\01_13_11\765573.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:19

Sample Name :

Submitted by : ASD
Vial Number : 73
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1871569	100.00	100.00

```
Information from Data File:
```

: F:\Q1-2011\System7\01 13 11\765573.D File Name

KAC Operator

14 Jan 2011 Date Acquired 1:19

Sample Name Submitted by ASD 73 Vial Number

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

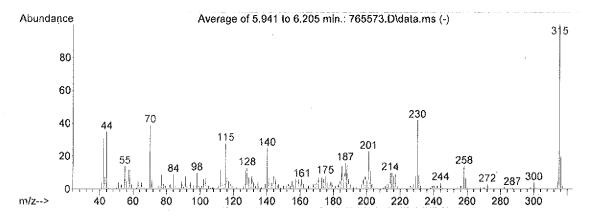
Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

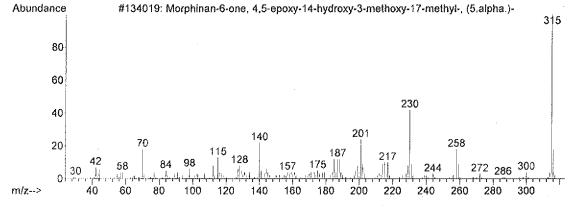
99

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.99	C:\Database\NIST05a.L		-
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6





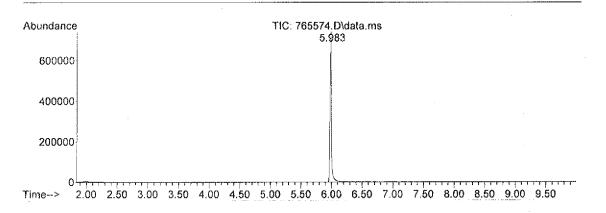
File Name : F:\Q1-2011\System7\01_13_11\765574.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:32

Sample Name :

Submitted by : ASD
Vial Number : 74
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1119046	100.00	100.00

File Name : F:\Q1-2011\System7\01_13_11\765574.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:32

Sample Name :

Submitted by : ASD
Vial Number : 74
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

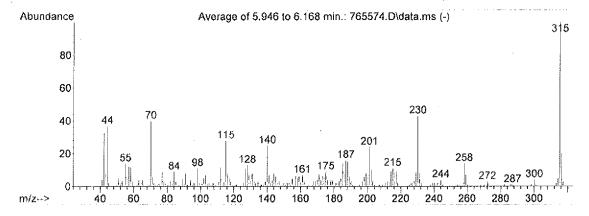
PK# RT Library/ID CAS# Qual

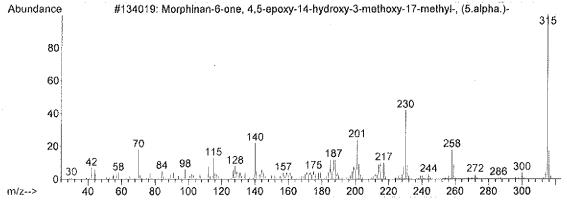
1 5.98 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





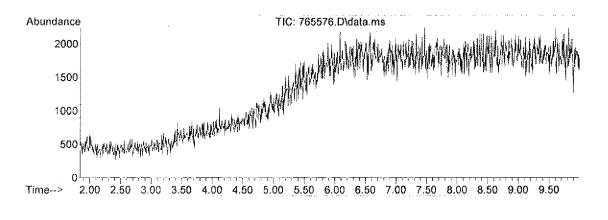
Minimum Quality: 80

File Name : F:\Q1-2011\System7\01_13_11\765576.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

File Name : F:\Q1-2011\System7\01_13_11\765577.D

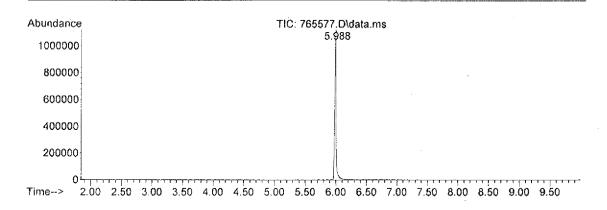
Operator : KAC

Date Acquired : 14 Jan 2011 2:09

Sample Name Submitted by : ASD : 77 Vial Number

AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1684676	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765577.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:09

Sample Name : Submitted by : ASD Vial Number : 77

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

.L Minimum Quality: 80 105a.L Minimum Quality: 80

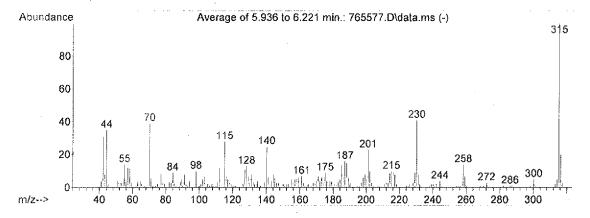
C:\Database\NIST05a.L

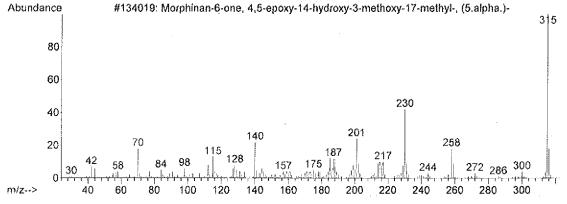
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

1 5.99 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99



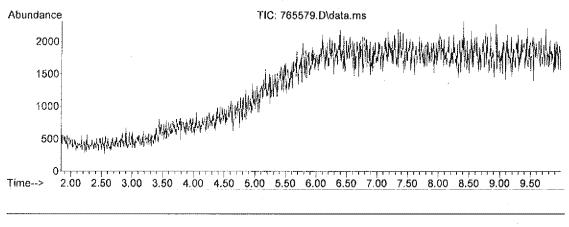


File Name : F:\Q1-2011\System7\01_13_11\765579.D

Operator : KAC

Date Acquired: 14 Jan 2011 2:34

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

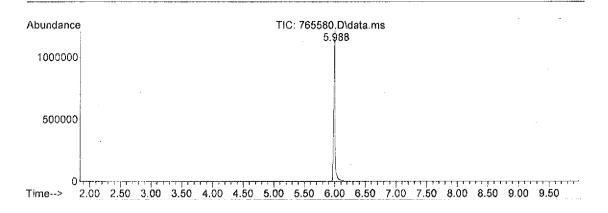
File Name : F:\Q1-2011\System7\01_13_11\765580.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:47

Sample Name :

Submitted by : ASD
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1784455	100.00	100.00

File Name : F:\Q1-2011\System7\01_13_11\765580.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:47

Sample Name :

Submitted by : ASD
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

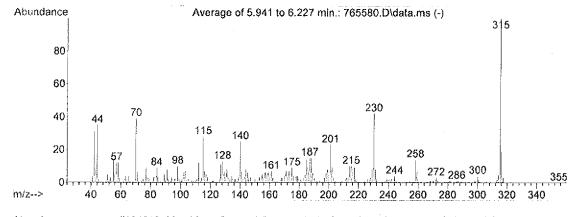
tabase\SLI.L Minimum Quality: 80 tabase\NIST05a.L Minimum Quality: 80

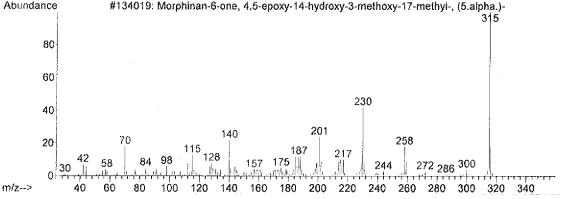
C:\Database\NIST05a.L
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

1 5.99 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





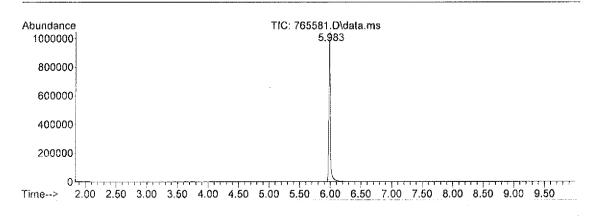
File Name : F:\Q1-2011\System7\01 13 11\765581.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:59

Sample Name

Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1627115	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01_13_11\765581.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:59

Sample Name : Submitted by : ASD

Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS.M
Integrator : RTE

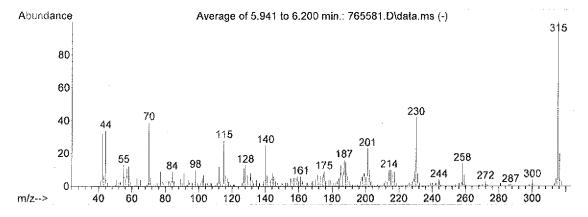
Search Libraries: C:\Database\SLI.L

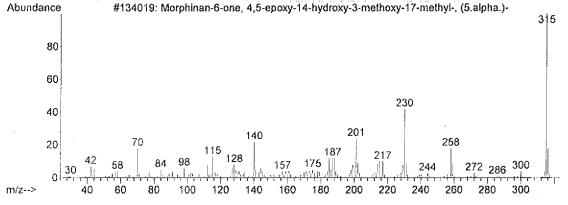
I.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	5,98	C:\Database\NISTO	5а.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





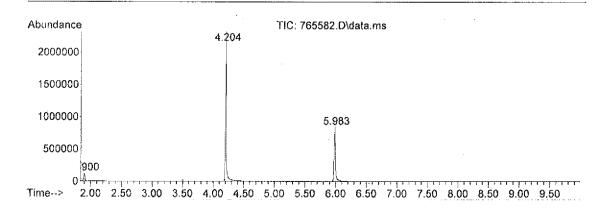
File Name : F:\Q1-2011\System7\01_13_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

Sample Name :

Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	139803	3.57	5.59	
4,204	2499379	63.78	100.00	
5.983	1279725	32.66	51.20	

File Name : F:\Q1-2011\System7\01_13_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

Sample Name : Submitted by : ASD

Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE

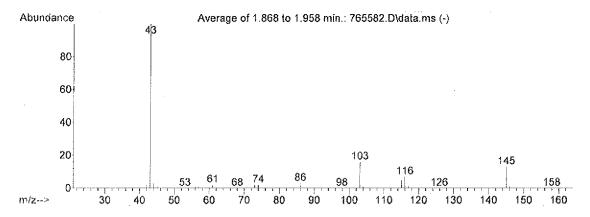
Search Libraries: C:\Database\SLI.L

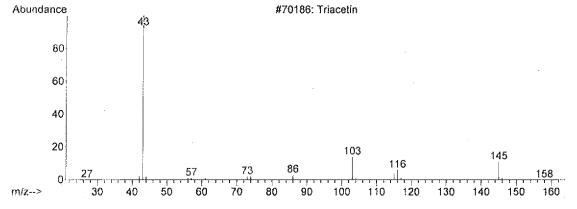
J.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK	# RT	Library/ID	CAS#	Qual
1	1.90	C:\Database\NIST05a.L Triacetin Triacetin	000102-76-1 000102-76-1	90 90
		Triacetin	000102-76-1	90





File Name : F:\Q1-2011\System7\01 13 11\765582.D

Operator : KAC

Date Acquired: 14 Jan 2011 3:12

Sample Name :
Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE

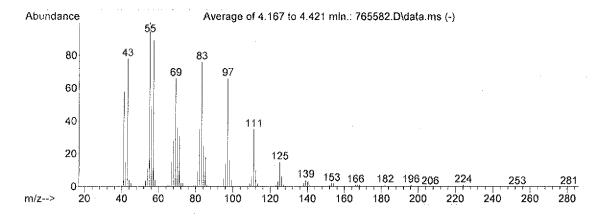
Search Libraries: C:\Database\SLI.L

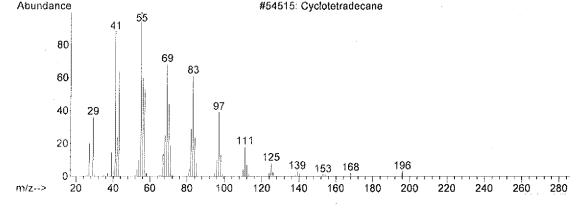
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L Cyclotetradecane 1-Heptadecanol 1-Hexadecanol	 000295-17-0 001454-85-9 036653-82-4	95 95 94





```
Information from Data File:
                  : F:\Q1-2011\System7\01_13_11\765582.D
File Name
Operator
                   : KAC
Date Acquired
                     14 Jan 2011
                                      3:12
Sample Name
Submitted by
                     ASD
Vial Number
                      82
AcquisitionMeth: DRUGS.M
Integrator
                   : RTE
Search Libraries:
                       C:\Database\SLI.L
                                                             Minimum Quality: 80
                       C:\Database\NIST05a.L
                                                             Minimum Quality: 80
                       C:\Database\PMW_TOX2.L
  PK#
          RT
                   Library/ID
                                                                 CAS#
                                                                               Qual
   3
          5.98
                  C:\Database\NIST05a.L
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
Abundance
                          Average of 5.946 to 6.179 min.: 765582.D\data,ms (-)
                                                                                315
      80
      60
                                                          230
                  70
      40
                             115
                                    140
                                                   201
      20
                                                                 258
              55
                                128
                         98
                                         161 175
                                                      215
                      84
                                                             244
                                                                    272 287 300
           40
m/z-->
                60
                     80
                         100
                              120
                                   140
                                        160
                                             180
                                                  200
                                                       220
                                                                 260
                                                                      280 300
                                                            240
Abundance
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                               315
     80
     60
                                                          230
     40
                                                  201
                                   140
                  70
                                                                 258
     20
                                               187
                                                       217
                                128
                         98
               58
                     84
                                       157
                                            175
                                                                    272 286 300
                                                             244
```

m/z-->

30

40

60

80

100

120

140

160

180

200

220

240

260

280

300

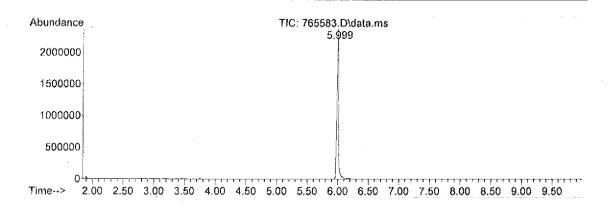
File Name : F:\Q1-2011\System7\01_13_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name :

Submitted by : ASD
Vial Number : 83
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.999	4322866	100.00	100.00

File Name : F:\Q1-2011\System7\01_13_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name :

Submitted by : ASD Vial Number : 83 AcquisitionMeth: DRUGS.M Integrator : RTE

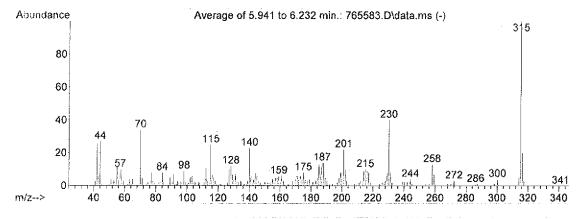
Search Libraries: C:\Database\SLI.L

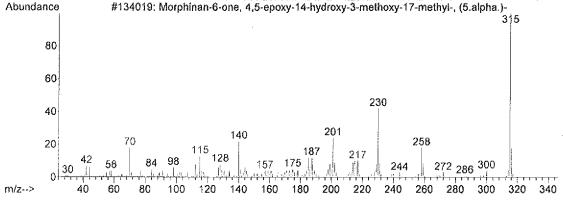
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
1	6.00	C:\Database\NIST0	5a.L		
			4,5-epoxy-14-hydro		99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





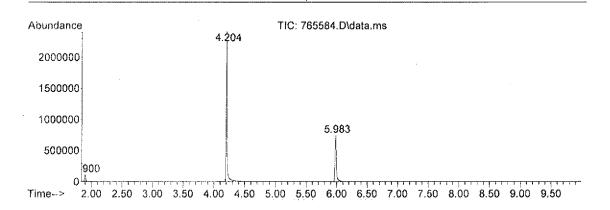
File Name : $F:\Q1-2011\System7\01_13_11\765584.D$

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name :

Submitted by : ASD
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	131858	3.46	5.18	
4.204	2545401	66.88	100.00	
5.983	1128558	29.65	44.34	

File Name : F:\Q1-2011\System7\01 13 11\765584.D

Operator : KAC

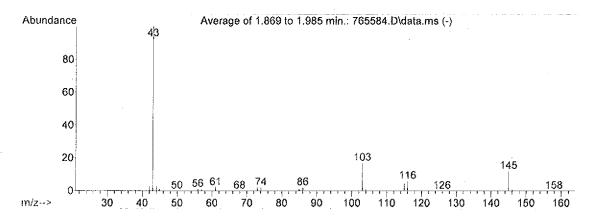
Date Acquired 14 Jan 2011 3:37

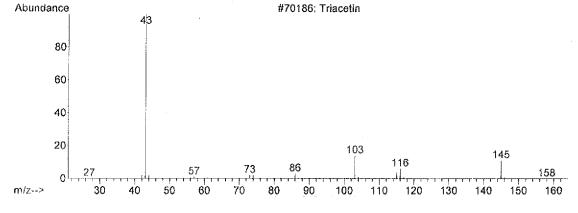
Sample Name Submitted by Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
 1	1.90	C:\Database\NIST05a,L		
		Triacetin	000102-76-1	90
		1,2,3-Propanetriol, diacetate	025395-31-7	90
		Triacetin	000102-76-1	90





File Name : F:\Q1-2011\System7\01_13_11\765584.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name : Submitted by : ASD Vial Number : 84

AcquisitionMeth: DRUGS.M Integrator : RTE

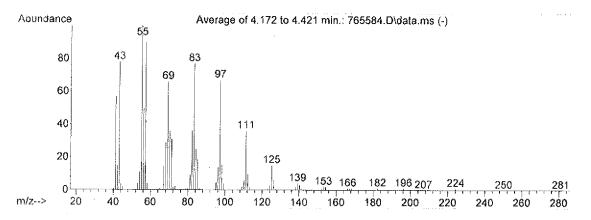
Search Libraries: C:\Database\SLI.L

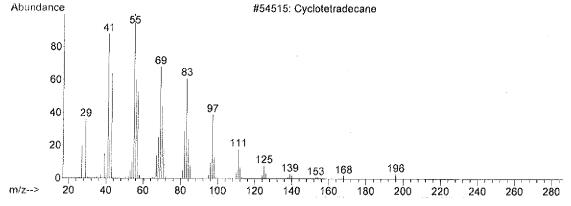
Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L		
		Cyclotetradecane	000295-17-0	95
		1-Heptadecanol	001454-85-9	95
		1-Hexadecanol	036653-82-4	94





```
Information from Data File:
File Name
                    : F:\Q1-2011\System7\01 13 11\765584.D
Operator
                    : KAC
Date Acquired
                      14 Jan 2011
                                         3:37
Sample Name
Submitted by
Vial Number
                       84
AcquisitionMeth: DRUGS.M
Integrator
                    : RTE
Search Libraries:
                         C:\Database\SLI.L
                                                                 Minimum Quality: 80
                         C:\Database\NIST05a.L
                                                                Minimum Quality: 80
                         C:\Database\PMW TOX2.L
   PK#
          RT
                     Library/ID
                                                                      CAS#
                                                                                    Qual
    3
          5.98
                   C:\Database\NIST05a.L
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                                                                                     99
Abundance
                            Average of 5.920 to 6.163 min.: 765584.D\data.ms (-)
                                                                                     315
      80
      60
                                                              230
                    70
      40
                               115
                                      140
                                                      201
      20
               55
                                                                     258
                                   128
                           98
                       84
                                           161 175
                                                                         272 287 300
m/z-->
           40
                 60
                      80
                           100
                                120
                                      140
                                                180
                                                     200
                                           160
                                                           220
                                                                240
                                                                     260
                                                                           280
Abundance
                #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                                    315
      80
      60
                                                             230
      40
                                                      201
                                      140
                                                                     258
      20
                                                  187
                                                          217
                58
                                               175
                                          157
                                                                        272 286 300
                                                                 244
```

 $m/z \rightarrow$

60

80

100

120

140

160

180

200

240

280

File Name : F:\Q1-2011\System7\01_13_11\765586.D

Operator : KAC

Date Acquired : 14 Jan 2011 4:02

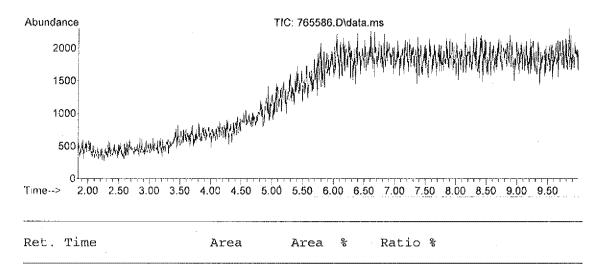
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : F:\Q1-2011\System7\01_13_11\765587.D

: KAC Operator

4:14

Date Acquired : 14 Jan 2011 Sample Name

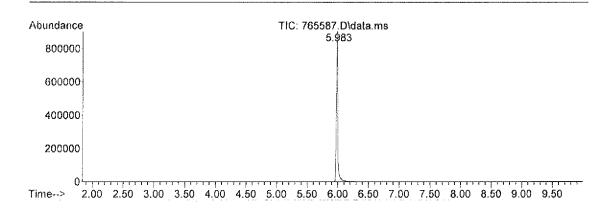
: OXYCODONE STD

Submitted by

Vial Number 14 AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
5.983	1336448	100.00	100.00

File Name : F:\Q1-2011\System7\01_13_11\765587.D

Operator : KAC

Date Acquired : 14 Jan 2011 4:14

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
 1	5.98	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one	4.5-epoxy-14-hydro	000076-42-6	99

